

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
8/22/2013 To 8/22/2014

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Instrument Serial Number:	012220	As of 26-Aug-14
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Maintenance Date	Certification Date	Technician Initials	Remarks
22-Aug-14	13-Jun-14	DBH (21250)	MOVED INSTRUMENT TO NEW LOCATION.
13-Jun-14	13-Jun-14	TLN (25387)	REPLACED AND TESTED FUEL CELL MODULE. CALIBRATED AND CERTIFIED.
17-Dec-13	17-Dec-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.

DB/H
pet

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 012220 Worksheet Start Date 8/22/2014
Location Westmoreland CO SO
Address 175 Polk St Montross VA 22520
DFS Technician Donald Hall License No. 21250

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 752 Reference Barometer (mm HG) 757
Reference Barometer(RB)Serial # 009109 RB Calibration Due 7/28/2015

Measurement Assurance Check

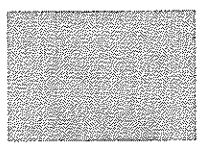
Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.296
0.300	0.297	0.288	0.305	Sample 2	0.295
Precision		sample min	sample max	Sample 3	0.294
0.002		0.294	0.296		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.098
0.100	0.099	0.096	0.102	Sample 2	0.097
Precision		sample min	sample max	Sample 3	0.097
0.001		0.097	0.098		

Dry gas standard Lot No. (with tank no.) AG332301-20

- ☐ Replaced dry gas standard (+O-ring)
- ☒ Installed at Location
- ☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Instrument Serial Number

012220

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

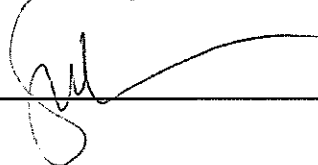
DFS Technician



Date

8/25/14

Issuing Analyst



Date

8/26/14

MMB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012220 Test Number: 909

Test Date: 08/22/2014 Test Time: 11:45 EDT

Dry Gas Target: 0.297

Lot Number: AG421201-06 Exp Date: 07/31/2016

Tank Pressure: 379 psi Barometric Pressure: 752 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:46
CHK	0.296	11:46
BLK	0.000	11:48
CHK	0.295	11:49
BLK	0.000	11:50
CHK	0.294	11:51

Test Status: *Success*

Calibration CRC: AE192ADE

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012220 Test Number: 910

Test Date: 08/22/2014 Test Time: 11:56 EDT

Dry Gas Target: 0.099

Lot Number: AG332301-20 Exp Date: 11/19/2015

Tank Pressure: 889 psi Barometric Pressure: 752 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:57
CHK	0.098	11:58
BLK	0.000	11:59
CHK	0.097	12:00
BLK	0.000	12:01
CHK	0.097	12:02

Test Status: *Success*

Calibration CRC: AE192ADE

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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 08/22/2014
TEST EQUIPMENT NUMBER 012220		

12:14 EDT

RESULTS: TIME SAMPLE TAKEN _____
0.00

SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 22 Aug 2014 at 15:34

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Test Results

Instrument Serial Number 012220

Test # 000911 Subject Test

Test Location 1 Department of
Test Date 22 Aug 2014

Test Location 2 Forensic Science
Test Time 12:08
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B

Card Serial Number 121250

License Number 21250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 22 Aug 2014 End Time 12:16

Result Time 12:14

Result Date 22 Aug 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 12:08

Data Type BLK

Sample Value 0.000

Sample Time 12:09

Data Type CHK

Sample Value 0.097

Sample Time 12:10

Data Type BLK

Sample Value 0.000

Sample Time 12:11

Data Type SUBJ

Sample Value 0.000

Sample Time 12:12

Data Type BLK

Sample Value 0.000

Sample Time 12:13

Data Type SUBJ

Sample Value 0.000

Sample Time 12:14

Data Type BLK

Sample Value 0.000

Sample Time 12:15

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG332301-20

Standard Expiration Date 11/19/2015

Tank Pressure 879

Barometric Pressure 752 mmHg

Blow Sample Number 1 Blow Duration 3.71 sec

Blow Volume 1865 cc End-of-Blow Time 12:12

Blow Sample Number 2 Blow Duration 3.25 sec

Blow Volume 1713 cc End-of-Blow Time 12:14

Tamper Evident Stamp 08ebcd3e

Test Status Code 0

Test Status Success

DBH
fnd

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 012220 Worksheet Start Date 8/22/2014
Location Westmoreland CO SO
Address 99 Court Sq Montross VA 22520
DFS Technician Donald Hall License No. 21250

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 753 Reference Barometer (mm HG) 757
Reference Barometer(RB)Serial # 009109 RB Calibration Due 7/28/2015

Measurement Assurance Check

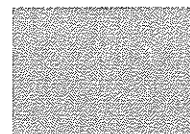
Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.297
0.300	0.297	0.288	0.305	Sample 2	0.296
Precision		sample min	sample max	Sample 3	0.295
0.002		0.295	0.297		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.099
0.100	0.099	0.096	0.102	Sample 2	0.099
Precision		sample min	sample max	Sample 3	0.099
0		0.099	0.099		

Dry gas standard Lot No. (with tank no.) AG332301-20

- ☐ Replaced dry gas standard (+O-ring)
☐ Installed at Location
☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Moved instrument to new location.

Instrument Serial Number

012220

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

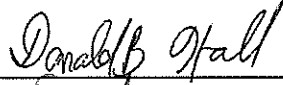
Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

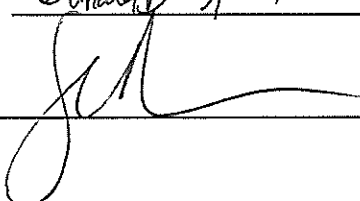
DFS Technician



Date

8/25/14

Issuing Analyst



Date

8/26/14

AMB




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
---	-----------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 08/22/2014
TEST EQUIPMENT NUMBER 012220		

RESULTS: TIME SAMPLE TAKEN **10:51 EDT**

SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 25 Aug 2014 at 14:14

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Test Results

Instrument Serial Number 012220

Test # 000906 Subject Test

Test Location 1 Department of
Test Date 22 Aug 2014

Test Location 2 Forensic Science
Test Time 10:45
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B

Card Serial Number 121250

License Number 21250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 22 Aug 2014 End Time 10:53

Result Time 10:51

Result Date 22 Aug 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:46

Data Type BLK

Sample Value 0.000

Sample Time 10:46

Data Type CHK

Sample Value 0.100

Sample Time 10:47

Data Type BLK

Sample Value 0.000

Sample Time 10:48

Data Type SUBJ

Sample Value 0.000

Sample Time 10:49

Data Type BLK

Sample Value 0.000

Sample Time 10:50

Data Type SUBJ

Sample Value 0.000

Sample Time 10:51

Data Type BLK

Sample Value 0.000

Sample Time 10:52

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG332301-20

Standard Expiration Date 11/19/2015

Tank Pressure 899

Barometric Pressure 752 mmHg

Blow Sample Number 1 Blow Duration 3.74 sec

Blow Volume 1833 cc End-of-Blow Time 10:49

Blow Sample Number 2 Blow Duration 3.87 sec

Blow Volume 2003 cc End-of-Blow Time 10:51

Tamper Evident Stamp 1f979cf6

Test Status Code 0

Test Status Success

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012220 Test Number: 907

Test Date: 08/22/2014 Test Time: 10:55 EDT

Dry Gas Target: 0.099

Lot Number: AG332301-20 Exp Date: 11/19/2015

Tank Pressure: 894 psi Barometric Pressure: 752 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:55
CHK	0.099	10:56
BLK	0.000	10:58
CHK	0.099	10:59
BLK	0.000	11:00
CHK	0.099	11:01

Test Status: *Success*

Calibration CRC: AE192ADE

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012220 Test Number: 908

Test Date: 08/22/2014 Test Time: 11:04 EDT

Dry Gas Target: 0.297

Lot Number: AG421201-06 Exp Date: 07/31/2016

Tank Pressure: 384 psi Barometric Pressure: 752 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:04
CHK	0.297	11:05
BLK	0.000	11:07
CHK	0.296	11:08
BLK	0.000	11:09
CHK	0.295	11:10

Test Status: *Success*

Calibration CRC: AE192ADE